High Speed Refrigerated Centrifuge LX103HSR

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Description

It is a table top type high speed refrigerated centrifuge with 21000 rpm speed and flexible axle driven rotor system designed with Microprocessor controlled system and digital display that indicates all running parameters. Equipped with automatic electric locking system to ensure protection against over speed, over temperature and imbalance. It is noiseless, pollution-free instrument with highly sophisticated design delivering high precision in results. Adapters can be designed as per the experimental requirement

Specifications

Maximum speed	21000 rpm
Maximum RCF	30910 x g
Maximum capacity	6 x 100 ml
Temp. Range	-20 °C to 40 °C
Temp. Accuracy	± 1 ℃
Speed accuracy	±20 rpm
Timer range	1 - 99 hr. 59 min
Noise	≤ 58dB
Power	AC 110 - 220 V / 50 - 60 Hz / 10 A
Net weight	82 kg
Packaged dimension	820 x 660 x 550 mm
Gross weight	110 kg

Features

- Microprocessor controlled system
- Automatic electric locking system
- Safe, reliable and efficient
- 10 different programs can be stored in the memory
- Provision to change running parameters
- Wide range of rotors that are compatible with the instrument are available

Applications

- Used in medicine, life science, agriculture, microbiology for protein precipitation, RNA extraction etc.

Rotor Selection

Rotor name	Maximum speed (rpm)	Maximum capacity (ml)	Maximum RCF (×g)
Angle rotor 01	21000	12 x 1.5/2	30910
Angle rotor 02	15000	40 x 0.5	22920
Angle rotor 03	17000	24 x 1.5/2	26460
Angle rotor 04	13500	30 x 1.5/2	19340
Angle rotor 05	16000	16 x 5	22020
Angle rotor 06	14000	12 x 7	21380
Angle rotor 07	10000	12 x 15	11840
Angle rotor 08	15000	12 x 10	22680
Angle rotor 09	15000	8 x 20	22680
Angle rotor 10	14000	6 x 30	19060
Angle rotor 11	13000	6 x 50 (Round)	18840
Angle rotor 12	13000	6 x 50 (Conical)	18730
Angle rotor 13	12000	4 x 100	14850
Angle rotor 14	12000	6 x 100	14850
Angle rotor 15	16000	6 x 10	21500
Angle rotor 16	18000	30 x 0.5	26660
Angle rotor 17	13500	48 x 1.5/2	17930
Angle rotor 18	16000	4 x 8 PCR	15760
Angle rotor 19	15000	6 x 8 PCR	21420
Angle rotor 20	16000	8 x 8 PCR	17480
Angle rotor 21	15000	12 x 8 PCR	22930
Angle rotor 22	13000	8 x 15 (Conical)	17790

Angle rotor 23	5000	24 x 15	3500
Angle rotor 24	5000	30 x 15	3830
Angle rotor 25	8000	8 x 50	8090
Swing rotor 01	15000	4 x 5	19920
Microplate rotor 01	4000	2 x 3 x 48 Well	2300

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